

Consideration

ABU: Isomax

Unit: SDA ROSE

Draft Date:

.I/R: Revalidation

Section: 05

Item : 5

Consequence Category: S

Risk Ranking: 4

SOA ☐

Additional Consideration

The concern is that there is no way to monitor seal flush pressure or flows. Will also identify high discharge pressure on P-143 and P-1344 pumps. This will identify problem with makeup solvent to circulating solvent. Consider adding PI on P-143 & P-144 discharge to work station No. 1, and add high and low alarm to ensure seal flush pressure and make-up solvent.

ABU plan to address the Team's additional consideration

ABU Complete
Proposa

AC Assigned To:

and/or

Dep

Current Status: Completed

☐ Shutdown Required

The ABU has scheduled to complete this task

10/14/2000 Which is prior to the RI Guideline due date.

Notified On:

Assigned By:

Resolution: Describe the work that has been done to resolve the ABU proposal

☐ Work Plan Developed and Documented in Database?

EWO Needed: EWO Number: EWO Issued: MOC Needed: MOC Number: Maximo Needed: Maximo Number:

Completed By: Sadekoski, Duane E.

Completed On: 11/20/2000

☐ No, there are some concerns about the new modificati

☐ Yes, It's completed according to specificati

By clicking on the "Signature" button, I acknowledge the assigned A/C has been verified as com

Verified By:

Verified On:

Verifier Comment

Consideration

ABU: Isomax

Unit: SDA ROSE

Draft Date:

.I/R: Revalidation

Section: 06

Item : 35

Consequence Category: 0

Risk Ranking: 3

SOA ☐**Additional
Consideration**

The concern is that due to loss of hot oil system, there is a loss of temperature and pressure which cause plant shutdown. Consider installing more reliable shutdown devices on F-135 (Triconics).

ABU plan to address the Team's additional consideration

**ABU
Proposa**

This Hazop AC will be declined since it is identical to the Hazop AC identified in Section 20 Item 79. Section 20 Item 79 has been accepted and will be addressed with the installation of the Honeywell Fail Safe Controller with Furnace Fire Controller.

AC Assigned To: Radtke, Mark A.

and/or Assets

Dep

Current Status: Declined

☐ Shutdown Required

The ABU has scheduled to complete this task

Which is prior to the RI Guideline due date.

Notified On: 5/14/2001

Assigned By:

Resolution: Describe the work that has been done to resolve the ABU proposal

Refer to Section 20 Item 79 for status tracking of the Honeywell Fail safe Controller.

☐ Work Plan Developed and Documented in Database?EWO Needed: EWO Number: EWO Issued: MOC Needed: MOC Number: Maximo Needed: Maximo Number:

Completed By: Radtke, Mark A.

Completed On: 11/26/2003

☐ No, there are some concerns about the new modificati☐ Yes, It's completed according to specificati

By clicking on the "Signature" button, I acknowledge the assigned A/C has been verified as com

Verified By:

Verified On:

Verifier Comment

No verification necessary for a decline

Consideration

ABU: Isomax

Unit: SDA ROSE

Draft Date:

.I/R: Revalidation

Section: 13

Item : 37

Consequence Category: S

Risk Ranking: 3

SOA ☐**Additional Consideration**

The concern is that there are uneven pavement surfaces in several areas of the plant. This could cause employee injury by tripping and slipping. This also increases the difficulty of extinguishing fires. Consider repaving center of plant to ensure that water will drain to process drains.

ABU plan to address the Team's additional consideration

ABU Proposa Will consider implementing in 1999.

AC Assigned To: Ho, Gregory N.

and/or

Dep

Current Status: Completed

☐ Shutdown Required

The ABU has scheduled to complete this task

10/14/2000 Which is prior to the RI Guideline due date.

Notified On:

Assigned By:

Resolution: Describe the work that has been done to resolve the ABU proposal

Assigned to Greg HO 8/15/00. Have operators survey area, reviewed mapped area and issue passport for approved paving.

☐ Work Plan Developed and Documented in Database?EWO Needed: EWO Number: EWO Issued: MOC Needed: MOC Number: Maximo Needed: Maximo Number:

Completed By: Sadekoski, Duane E.

Completed On: 1/29/2001

☐ No, there are some concerns about the new modificati☐ Yes, It's completed according to specificati

By clicking on the "Signature" button, I acknowledge the assigned A/C has been verified as com

Verified By:

Verified On:

Verifier Comment

Consideration

ABU: Isomax

Unit: SDA ROSE

Draft Date:

.I/R: Revalidation

Section: 20

Item : 79

Consequence Category: S

Risk Ranking: 5

SOA ☐**Additional Consideration**

The concern is that Relay Shutdown Logics has failed numerous times in the past (But in safe conditions). This has caused loss profit opportunity. Consider using more reliable shutdown technology such as Triconics.

ABU plan to address the Team's additional consideration

ABU Proposa

Honeywell Fail Safe Controller with Furnace Fire Controller will address these concerns. Will be implemented during the 1st QTR 2005 Major SD.

AC Assigned To: Sadekoski, Duane E.

and/or Assets

Dep

Current Status: Completed

☒ Shutdown Required

The ABU has scheduled to complete this task

4/5/2005 Which is prior to the RI Guideline due date.

Notified On: 3/25/2004

Assigned By:

Resolution: Decribe the work that has been done to resolve the ABU proposal

Honeywell Fail Safe Controller - is installed, set in manual, waiting for FFC (Furnace Fire Controller) cutover next March 2002 for completion. DLE

Cutover was completed March 30, 2005. Work complete. C. Haswell

Marc Evans stated that this project will be completed by 6/30/2003. Don Edlinger 3/4/2003

The plant downtime for this cutover is approximately 5 days - completion was moved to the next SD window. MAR 4/9/2003.

Mitigation: Current Critical Reliability Variable Monitoring covers this (Furnace tube skins will alarm when above limits). This furnace already has a furnace SD system that will be replaced with the newer one. DE

☐ Work Plan Developed and Doumented in Database?

EWO Needed:

EWO Number:

EWO Issued:

MOC Needed:

MOC Number:

Maximo Needed:

Maximo Number:

Completed By: Haswell, Christine B.

Completed On: 5/9/2005

☐ No, there are some concerns about the new modificati☒ Yes, It's completed according to specificati

By clicking on the "Signature" button, I acknowledge the assigned A/C has been verified as com

Verified By: Sadekoski, Duane E.

Verified On: 5/9/2005

Verifier Comment

Cutover complete and verified 5/9/05

Consideration

ABU: Isomax

Unit: SDA ROSE

Draft Date:

.I/R: Revalidation

Section: 25

Item : 22

Consequence Category: 0

Risk Ranking: 4

SOA ☐
**Additional
Consideration**

The concern is that if LT-1531 or LT-1532 fails, surge drum could go empty sending natural gas over to tar stripper. Consider installing redundant LIs or gauge glass on V-153s.

ABU plan to address the Team's additional consideration

**ABU
Proposa**

Capital Project (for cutter de-watering) will address the A/C.

See "MASTER A/C 26-16" for three A/Cs, 26-16; 25-22 & 26-34

AC Assigned To: Fjelstad, Douglas B.

and/or Assets

Dep

Current Status: Completed

☐ Shutdown Required

The ABU has scheduled to complete this task

10/14/2003 Which is prior to the RI Guideline due date.

Notified On: 3/3/2003

Assigned By:

Resolution: Describe the work that has been done to resolve the ABU proposal

Capital project is in phase 3 of CPDEP waiting funding. Need to update ABU completion date and status:

This Hazop AC was removed from the project scope except for the taps. Instrumentation will be handled as a separate project - also scheduled to complete this year. Project is scheduled for October 2003 completion. Jonathan Drogan has project. Mark Radtke 4/9/2003

3/24/03 e mail Gentlemen,

Just a reminder that the Cutter dewatering project will provide tie-in points for redundant level indication on V-153 A/B (LT-1531/1532). The V-153 A/B redundant level instrumentation was removed from the project work scope at the December 2002 DRB meeting to reduce capital cost.

Regards,
Mark J. Sally
Chevron-Jacobs Alliance
510.242.1825

Duane Sadekowski will start a local project to handle this after the Cutter project.

☐ Work Plan Developed and Documented in Database?
EWO Needed: EWO Number: EWO Issued: MOC Needed: MOC Number: Maximo Needed: Maximo Number:

Completed By: Sadekoski, Duane E.

Completed On: 11/24/2003

Consideration

☐ No, there are some concerns about the new modificati

☒ Yes, It's completed according to specificati

By clicking on the "Signature" button, I acknowledge the assigned A/C has been verified as com

Verified By: Sadekoski, Duane E.

Verified On: 11/24/2003

Verifier Comment

New de-watering system in service

Consideration

ABU: Isomax

Unit: SDA ROSE

Draft Date:

I/R: Revalidation

Section: 26

Item : 16

Consequence Category: S

Risk Ranking: 3

SOA ☐
**Additional
Consideration**

The concern is that a single cutter supply to tar stripper, has proven to be unreliable in the past. There is a potential for plugging of the tar stripper in the #10 Tar Line. Consider having in-plant storage or alternate cutter supply to replace the old HCO cutter.

ABU plan to address the Team's additional consideration

**ABU
Proposa**

Capital Project (for cutter de-watering) will address the A/C.

This is the "MASTER A/C for three A/Cs, This one 26-16; 25-22 & 26-34.

AC Assigned To: Schwerdtfeger, Timothy E. and/or Assets

Dep

Current Status: Completed

☐ Shutdown Required

The ABU has scheduled to complete this task

10/14/2003 Which is prior to the RI Guideline due date.

Notified On: 3/3/2003

Assigned By:

Resolution: Decribe the work that has been done to resolve the ABU proposal

Capital project is in phase 3 of CPDEP waiting funding.

Dewatering project is approved and moving forward.

Project is scheduled for October 2003 completion. Jonathan Drogan has the project. As a result of the original incident, Blending & Shipping has a routine duty to pull the bottoms of the tank once per week. Mark Radtke 4/9/2003

This is the "MASTER A/C for three A/Cs, This one 26-16; 25-22 & 26-34.

New de-watering system 90% in service except for final tie-in for dedicated line from tankage 11/07/03. Final tie-in after FCC comes back online.

☐ Work Plan Developed and Doumented in Database?

EWO Needed:

EWO Number:

EWO Issued:

MOC Needed:

MOC Number:

Maximo Needed:

Maximo Number:

Completed By: Schwerdtfeger, Timothy E.

Completed On: 11/24/2003

☐ No, there are some concerns about the new modificati

☒ Yes, It's completed according to specificati

By clicking on the "Signature" button, I acknowledge the assigned A/C has been verified as com

Verified By: Sadekoski, Duane E.

Verified On: 11/24/2003

Verifier Comment

New de-watering system i9n service

Consideration

ABU: Isomax

Unit: SDA ROSE

Draft Date:

I/R: Revalidation

Section: 26

Item : 34

Consequence Category: 0

Risk Ranking: 3

SOA ☐**Additional
Consideration**

The concern is that water in the LCO can cause shutdown of the SDA tar stripper causing major plugging of #10 Tar Line and major equipment. Consider implementing cutter de-watering project.

ABU plan to address the Team's additional consideration

**ABU
Proposa**

Capital Project (for cutter de-watering) will address the A/C.

See "MASTER A/C 26-16 for three A/Cs, 26-16; 25-22 & 26-34.

AC Assigned To: Schwerdtfeger, Timothy E. and/or Assets

Dep

Current Status: Completed

☐ Shutdown Required

The ABU has scheduled to complete this task

10/14/2003 Which is prior to the RI Guideline due date.

Notified On: 3/3/2003

Assigned By:

Resolution: Describe the work that has been done to resolve the ABU proposal

Capital project is in phase 3 of CPDEP waiting funding.

Dewatering project is approved and is moving forward.

Drogan has project. Don Edlinger 3/4/03

Project is scheduled for October 2003 completion. Jonathan

As a mitigating factor, Blending and Shipping has instituted a routine duty to pull the tsnk bottoms once per week. Mark Radtke

See "MASTER A/C 26-16 for three A/Cs, 26-16; 25-22 & 26-34

New de-watering system 90% in service except for final tie-in for dedicated line from tankage 11/07/03. Final tie-in after FCC comes back online.

☐ Work Plan Developed and Doumented in Database?

EWO Needed:

EWO Number:

EWO Issued:

MOC Needed:

MOC Number:

Maximo Needed:

Maximo Number:

Completed By: Sadekoski, Duane E.

Completed On: 11/24/2003

☐ No, there are some concerns about the new modificati

☒ Yes, It's completed according to specificati

By clicking on the "Signature" button, I acknowledge the assigned A/C has been verified as com

Verified By: Sadekoski, Duane E.

Verified On: 11/24/2003

Verifier Comment

New de-watering system